LABDEX

Split Tube Furnace LX456TF

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Description

Split Tube Furnace LX456TF is a horizontal oriented chamber with a rapid heating speed of 15 to 30 mins from RT to 1150°C. Built-in programmable temperature control with a facility for setting the heat curve for a 30 segments programme. Facility to open and close the furnace body for observation of samples. Facilitated with sound and light alarm with a stop in heating function when temperature exceeds the desired temperature.

Specifications

Tube size	⦰ 40 x 1000
Maximum temperature	1200 °C
Working temperature	1150 °C
Heating speed	16 ~ 30 mins
Heating zone	Single zone
Quartz tube size	⦰ 10 mm ~ 500 mm
Chamber material	Alumina Ceramic Fiber
Thermocouple	K style
Heating element	HRE
Temperature precision	± 1 °C
Voltage	221 V
Power	3 kW

Features

- Maximum temperature - 1150°C
- Number of heated zones: Single zone
- Pneumatic arm rod for easy opening of lid
- Independent temperature controller (2 groups and 8 segments)
- Vacuum pressure gauge for indication of vacuum pressure
- Over temperature sound and light alarm on exceeding the desired temperature
- Digital accuracy control gas flow meter and inlet gas (optional)

Applications

- Used for mechanical testing at different temperatures with very slow to very rapid heat-up rates

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